

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

Docket Number  
13DV13713

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ARTICLE PROTECTED BY A THERMAL BARRIER COATING SYSTEM AND ITS FABRICATION

the specification of which

☒ is attached hereto  
OR

☐ was filed on \_\_\_\_\_ as United States Application Number or PCT International Application Number \_\_\_\_\_  
and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code §119 (a)-(d) or §365 (b) of any foreign application(s) for patent or inventor's certificate, or §365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

**PRIOR FOREIGN APPLICATION(s)**

**Priority Claimed**

☐ Yes ☐ No

☐ Yes ☐ No

_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)

☐ Additional foreign application numbers are listed on a supplemental priority data sheet attached hereto.

I hereby claim the benefit under Title 35, United States Code §119 (e) of any United States provisional application(s) listed below.

☐ Additional provisional application numbers are listed on a supplemental priority data sheet attached hereto.

_____ (Application Number)	_____ (Filing Date)
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I hereby claim the benefit under Title 35, United States Code §120 of any United States Application(s), or §365 (c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

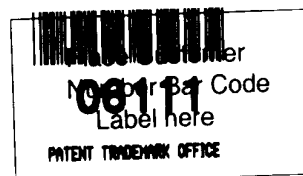
_____ (Application Number)	_____ (Filing Date)	_____ (Status - patented, pending, abandoned)
_____ (Application Number)	_____ (Filing Date)	_____ (Status - patented, pending, abandoned)

I hereby appoint the registered practitioners associated with Customer Number 006111 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Address all telephone calls to: DAVID L. NARCISO at telephone number (513) 243-8925

Address all correspondence to: **GENERAL ELECTRIC COMPANY  
ATTN: ANDREW C. HESS  
GE AIRCRAFT ENGINES  
ONE NEUMANN WAY, M/D H17  
CINCINNATI, OH 45215-6301**

**CUSTOMER NUMBER: 006111**



I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

## SOLE OR FIRST INVENTOR:

Full name: IRENE SPITSBERG  
First Name Middle Name Last Name  
Signature: *Irene Spitsberg* Date: 05/31/01  
Residence: LOVELAND, OHIO Citizenship: US  
City and State  
Post Office Address: 12051 WATER'S EDGE COURT, LOVELAND, OH 45140

## SECOND JOINT INVENTOR:

Full name: ROBERT WILLIAM BRUCE  
First Name Middle Name Last Name  
Signature: *Rob Bruce* Date: 5/31/2001  
Residence: LOVELAND, OHIO Citizenship: US  
City and State  
Post Office Address: 221 WOODCREST DRIVE, LOVELAND, OH 45140

## THIRD JOINT INVENTOR:

Full name: \_\_\_\_\_  
First Name Middle Name Last Name  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: \_\_\_\_\_ Citizenship: \_\_\_\_\_  
City and State  
Post Office Address: \_\_\_\_\_

## FOURTH JOINT INVENTOR:

Full name: \_\_\_\_\_  
First Name Middle Name Last Name  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: \_\_\_\_\_ Citizenship: \_\_\_\_\_  
City and State  
Post Office Address: \_\_\_\_\_

# ASSIGNMENT

Docket Number  
13DV13713

For good and valuable consideration, of which I acknowledge receipt, I (we)

IRENE SPITSBERG  
ROBERT WILLIAM BRUCE

of LOVELAND, OHIO  
of LOVELAND, OHIO  
of  
of  
of  
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of  
of  
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of  
of

31002 U.S. PTO  
09/044909  
08/31/01

sell and assign to General Electric Company, a New York Corporation, its successors and assigns the entire right, title and interest in and to the improvements in:

ARTICLE PROTECTED BY A THERMAL BARRIER COATING SYSTEM AND ITS FABRICATION

invented by me (us), as described in the application for United States patent

☒ executed concurrently herewith, or  
☐ U.S. Serial No.: \_\_\_\_\_, filed \_\_\_\_\_

and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patents on said improvements or resulting therefrom to said General Electric Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, I will communicate to said Company or its representatives or nominees any facts known to me respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said improvements in all countries.

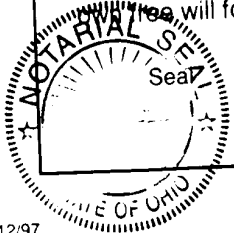
08/31/01  
Date

*Irene Spitsberg*  
IRENE SPITSBERG

State of OHIO ) SS:

County of HAMILTON )

This 31st day of August, 2001, before me personally came the above-named IRENE SPITSBERG to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her will for the purposes therein set forth.



JOANNA MACKEY  
Notary Public, State of Ohio  
My Commission Expires Feb. 25, 2006

*Joanna Mackey*  
(Notary Public)

SCANNED # 8

# ASSIGNMENT

Docket Number  
13DV13713

8/31/2001

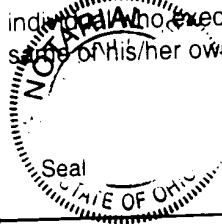
Date

ROBERT WILLIAM BRUCE

State of OHIO ) SS:

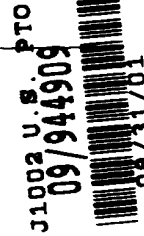
County of HAMILTON )

This 31st day of August, 2001, before me personally came the above-named ROBERT WILLIAM BRUCE to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.



JOANNA MACKAY  
Notary Public, State of Ohio  
Commission Expires Feb. 25, 2008

(Notary Public)



Date

State of     ) SS:

County of     )

This                      day of                     ,                     , before me personally came the above-named                      to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)

Date

State of     ) SS:

County of     )

This                      day of                     ,                     , before me personally came the above-named                      to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)

SCANNED # 8

FORM PTO 1595  
1-31-92RECORDATION FORM COVER SHEET  
PATENTS ONLYU.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks Please record the attached original documents or copy thereof

## 1. Name of conveying party(ies):

IRENE SPITSBERG  
ROBERT W. BRUCE

## 2. Name and address of receiving party(ies):

Name: General Electric Company

Internal Address: \_\_\_\_\_

Additional name(s) of conveying party(ies)  
attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: 8/31/01 8/31/01

Street Address: One River Road

City: Schenectady State: NY ZIP: 12345

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

8/31/01 8/31/01

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: General Electric Company

Internal Address:

Attn: Andrew C. Hess

GE Aircraft Engines

Street Address: One Neumann Way, M/D H17

City: Cincinnati State: OH ZIP: 45215  
Customer Number: 006111

## 6. Total number of applications and patents involved:

1

## 7. Total fee (37 CFR 3.41).....\$ 40.00

- ☐ Enclosed  
☒ Authorized to be charged to deposit account

## 8. Deposit account number:

07-0865

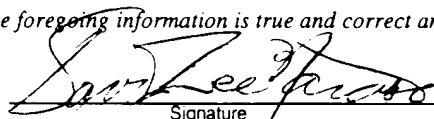
DO NOT USE THIS SPACE

## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

DAVID L. NARCISO

Name of Person Signing



Signature

Aug 31, 2001

Date

Total number of pages including cover sheet, attachments and document 3

OMB No. 0651-0011 (exp 4/94)

Do Not detach this portion

Mail documents to be recorded with required cover sheet information to:

**Commissioner of Patents and Trademarks**  
**Box Assignments**  
**Washington, D.C. 20231**